

EL961414235

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 10/694,144
Filing Date..... October 27, 2003
Inventorship Stephen J. Estrop
Applicant..... Microsoft Corporation
Attorney's Docket No. MS1-1679US
Title: Bandwidth-Efficient Processing of Video Images

INFORMATION DISCLOSURE STATEMENT

Cited Documents -- See Attached Form PTO-1449

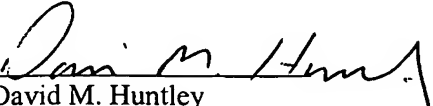
REMARKS

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR § 1.56. The Examiner is requested to make these citations of official record in this application.

In addition, Applicant informs the Examiner of the existence of copending and commonly assigned application Serial No. 10/273,505, entitled "Methods and Apparatuses for Facilitating Processing of Interlaced Images for Progressive Video Displays," filed on October 18, 2002, and naming Stephen J. Estrop as the sole inventor. A copy of this application is submitted herewith. By cross reference to the copending application of the assignee, confidentiality of the subject matter of the copending application is not waived and the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the pending application under 35 U.S.C. § 122. The Examiner is requested to indicate consideration of the copending application.

Respectfully Submitted,

Date: February 4, 2004

By: 
David M. Huntley
Reg. No. 40,309

EL961414235

Sheet 1 of 1

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MS1-1679USSERIAL NO.
10/694,144LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Stephen J. EstropFILING DATE
10/27/2003

GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation (Y or N)

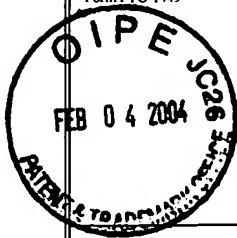
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

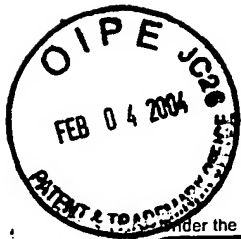
	Wolfgang F. Engel, Direct3D ShaderX: Vertex and Pixel Shader Tips and Tricks, Wordware Publishing, Inc., 2002, pp. 72-124.
	Michael Blome, "Introducing Some New Video Mixing Renderer Sample Applications," dated April 2003, twenty pages, available at < http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnwm/html/introducingsomenewvideomixingrenderersampleapplica.asp >.
	Yahya H. Mirza and Henry da Costa, "DirectX 9.0: Introducing the New Managed3D Graphics API in the .NET Framework," from the April 2003 issue of MSDN Magazine, ten pages, available at < http://msdn.microsoft.com/library/default.asp?url=/msdnmag/issues/03/07/DirectX90/toc.asp >.
	Introductory page entitled "Deinterlacing and Frame-Rate Conversion," MSDN Library technical literature, accessed on 2/3/2003, one page, available at < http://msdn.microsoft.com/library/default.asp?url=/library/en-us/graphics/hh/graphics/dxvaguide_0t2f.asp >.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





02-05-04

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/694,144
	Filing Date	Oct 27, 2003
	First Named Inventor	Estrop
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	MS1-1679US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) Sheets <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449; 5 references; return postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David M. Huntley, Reg. No. 40,309
Signature	<i>David M. Huntley</i>
Date	2/4/04

CERTIFICATE OF EXPRESS MAILING			
I hereby certify that the items listed above as enclosed are being deposited with the U.S. Postal Service as Express Mail, in an envelope addressed to The Commissioner of Patents, Alexandria, VA 22313 on the below-indicated date. The Express Mail No. has also been marked on the listed items. Express Mail No. EL961414235			
Typed or printed name	Carly E. Taylor	Date	2/4/04
Signature	<i>Carly E. Taylor</i>		

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EL961414235

PTO/SB/17 (10-03)

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 0.00**Complete if Known**

Application Number	10/694,144
Filing Date	Oct 27, 2003
First Named Inventor	Estrop
Examiner Name	
Art Unit	
Attorney Docket No.	MS1-1679US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

12-0769

Lee & Hayes, PLLC

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	=
Independent Claims	-3** =	X	=
Multiple Dependent			=

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	David M. Huntley	Registration No. (Attorney/Agent)	40,309	Telephone	(509) 324-9256
Signature	<i>David M. Huntley</i>	Date	2/4/04		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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